

3. HEAT FLOW MEASUREMENTS

magnetic tape US2 - 2 files

file 1 - references with code number keying
them to data in station file

file 2 - heat flow station data
ship, cruise, station
geographic location
water depth
penetration
temperature gradient
conductivity
heat flow value
reference code number

format keys for both files

Complete listings of both files are included. All measurements are transmitted for published data. Some data are unpublished and/or proprietary: station identification and geographic location are included for these.

HEATFLOW

COLUMNS

FORMAT

EXPLANATION

1-10	A10	SHIP/CRUISE IDENTIFICATION (STATION)
11-12	2X	
13-20	I2,1X,F4.1,A1	LATITUDE
21	1X	} Degrees, Minutes
22-30	I3,1X,F4.1,A1	
31	1X	LONGITUDE
32-33	I2	code Number
34-36	3X	
37-40	I4	DEPTH IN CORRECTED METERS
41-46	6X	
47-50	I4	PENETRATION
51-56	6X	(Tenths of meters)
57-60	F4.2	$\Delta T/\Delta Z$ °C/10METERS
61-66	6X	
67-70	F4.2	$K \times 10^{-3}$ CAL/CM°CSEC
71-76	6X	
77-80	F4.2	$Q \times 10^6$ CAL/CM ² SEC

ALL REFERENCES

<u>COLUMNS</u>	<u>FORMAT</u>	<u>EXPLANATION</u>
1-4	F4.0	REFERENCE NUMBER
5	1X	
6-80	A75	REFERENCE